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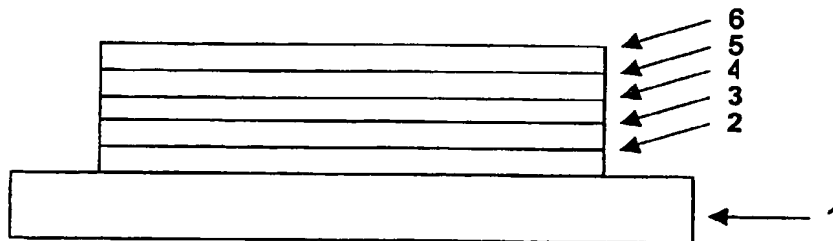
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(54) Title: OPTICAL DEVICE



(57) **Abstract:** A method of forming an optical device comprising the steps of: - providing a substrate comprising a first electrode capable of injecting or accepting charge carriers of a first type; - forming over the first electrode a first layer that is at least partially insoluble in a solvent by depositing a first semiconducting material that is free of cross-linkable vinyl or ethynyl groups and is, at the time of deposition, soluble in the solvent; forming a second layer in contact with the first layer and comprising a second semiconducting material by depositing a second semiconducting material from a solution in the solvent; and - forming over the second layer a second electrode capable of injecting or accepting charge carriers of a second type wherein the first layer is rendered at least partially insoluble by one or more of heat, vacuum and ambient drying treatment following deposition of the first semiconducting material.